## AMENDMENTS TO THE CLAIMS

1. (Currently amended) comprising the steps of:

A method of retraining a trainable data classifier, the method

providing a first item of training data;

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comparing the first item of training data with a second item of training data already used to train the data classifier to provide ;ealculating a measure of conflict between the first and second items of training data; and,

using the first item of training data to retrain the data classifier responsive to the measure of conflict.

- 2. (Currently amended) A method according to claim 1, wherein the step of using the first item of training data is responsive to a predetermined conflict threshold value.
- 3. (Currently amended) A method according to claim 2, wherein the threshold value is nonzero.
- 4. (Currently amended) A method according to claim 1, wherein the measure of conflict comprises a geometric difference between the first and second items of training data.
- A method according to claim 4, wherein the geometric difference 5. (Currently amended) comprises a Euclidean distance.
- (Currently amended) A method according to claim 1, wherein the measure of conflict comprises an association coefficient of the first and second items of training data.
- 7. (Currently amended) A method according to claim 6, wherein the association coefficient is a Jaccard's coefficient.
- 8. (Currently amended) A method according to claim 7, wherein the measure of conflict is derived from a both a Euclidean distance between and a Jaccard's coefficient of the first and second items of training data.
- 9. (Currently amended) A method according to claim 8, wherein the measure of conflict is derived from a Euclidean distance and a Jaccard's coefficient composed in an exponential relationship with respect to each other.

- 10. (Currently amended) A method according to claim 8, wherein the measure of conflict is derived from a function of a Euclidean distance multiplied by an exponent of a function of the Jaccard's coefficient.
- 11. (Currently amended) A method according to claim 1, wherein the data classifier comprises a neural network.
- 12. (Currently amended) A method according to claim 1, wherein the training data comprises telecommunications network data.
- 13. (Currently amended) A method according to claim 1, wherein the training data comprises telecommunications call detail record data.
- 14. (Currently amended) A method of training a trainable data classifier comprising the steps of:

providing a plurality of items of training data;

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comparing a first of the items of training data with a second of the items of training data already used to train the data classifier; calculating to provide a measure of conflict between the first and second items of training data; and.

using one of the first and second items of training data to retrain the data classifier responsive to the measure of conflict.

15. (Currently amended) An apparatus for retraining a trainable data classifier, and comprising:

an input port for receiving a first item of training data;

a comparator arranged to compare the first item of training data with a second item of training data already used to train the data classifier; a calculator for calculating and to calculate a measure of conflict between the first and second items of training data; and

an output port arranged to output the first item of training data to the data classifier responsive to the measure of conflict.

16. (Original) A anomaly detection system comprising apparatus according to claim 15.

- 17. (Original) A telecommunications data anomaly detection system comprising apparatus according to claim 15.
- 18. (Original) A telecommunications fraud detection system comprising apparatus according to claim 15.
- 19. (Original) An account fraud detection system comprising apparatus according to claim 15.
- 20. (Currently amended) An apparatus for retraining a trainable data classifier comprising: an input port for receiving a plurality of items of training data;

a comparator arranged to compare a first of the items of training data with a second of the items of training data <u>already used to train the data classifier</u>; a calculator for calculating <u>and to calculate</u> a measure of conflict between the first and second items of training data; <u>and.</u>

an output port arranged to output the first item of training data to the data classifier responsive to the measure of conflict.

21. (Currently amended) A program for a computer on a machine readable medium arranged to perform-the steps of:

receivereceiving a first item of training data;

comparecomparing the first item of training data with a second item of training data already used to train the data classifier; calculating to provide a measure of conflict between the first and second items of training data; and,

useusing the first item of training data to retrain the data classifier responsive to the measure of conflict.

22. (Currently amended) A program for a computer on a machine readable medium arranged to perform the steps of:

receivereceivinga plurality of items of training data;

comparecomparing a first of the items of training data with a second of the items of training data; ealculating to provide a measure of conflict between the first and second items of training data; and,



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useusing one of the first and second items of training data to retrain the data classifier responsive to the measure of conflict.